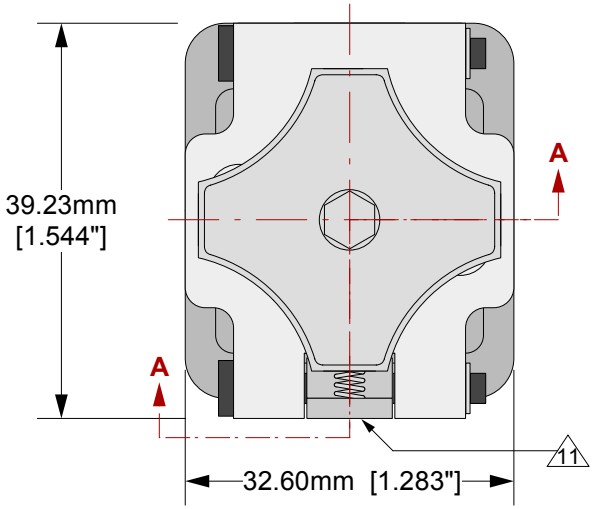
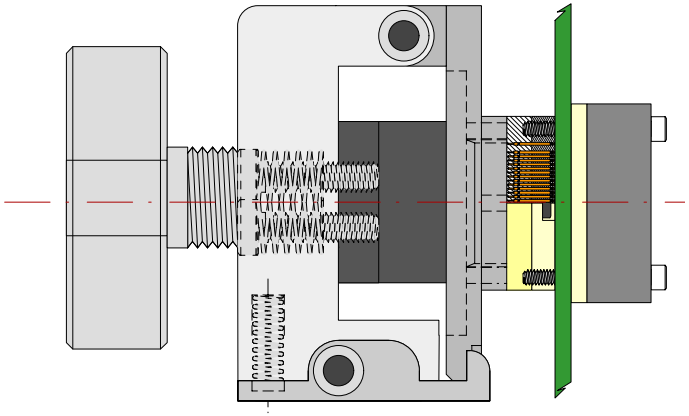
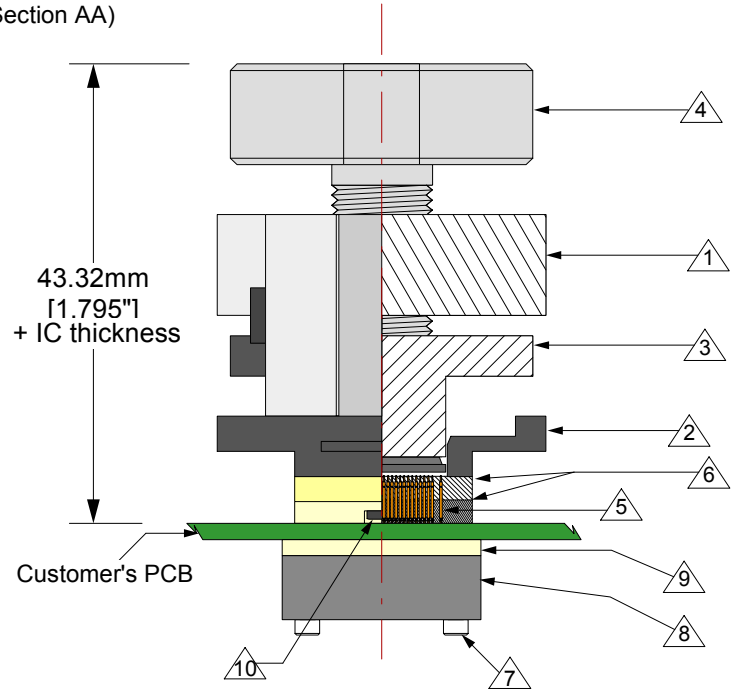
Top View





Side View
(Section AA)



Features

Directly mounts to target PCB (needs tooling holes) with hardware

Minimum real estate required

Compression plate distributes evenly

Clamshell lid

Materials:

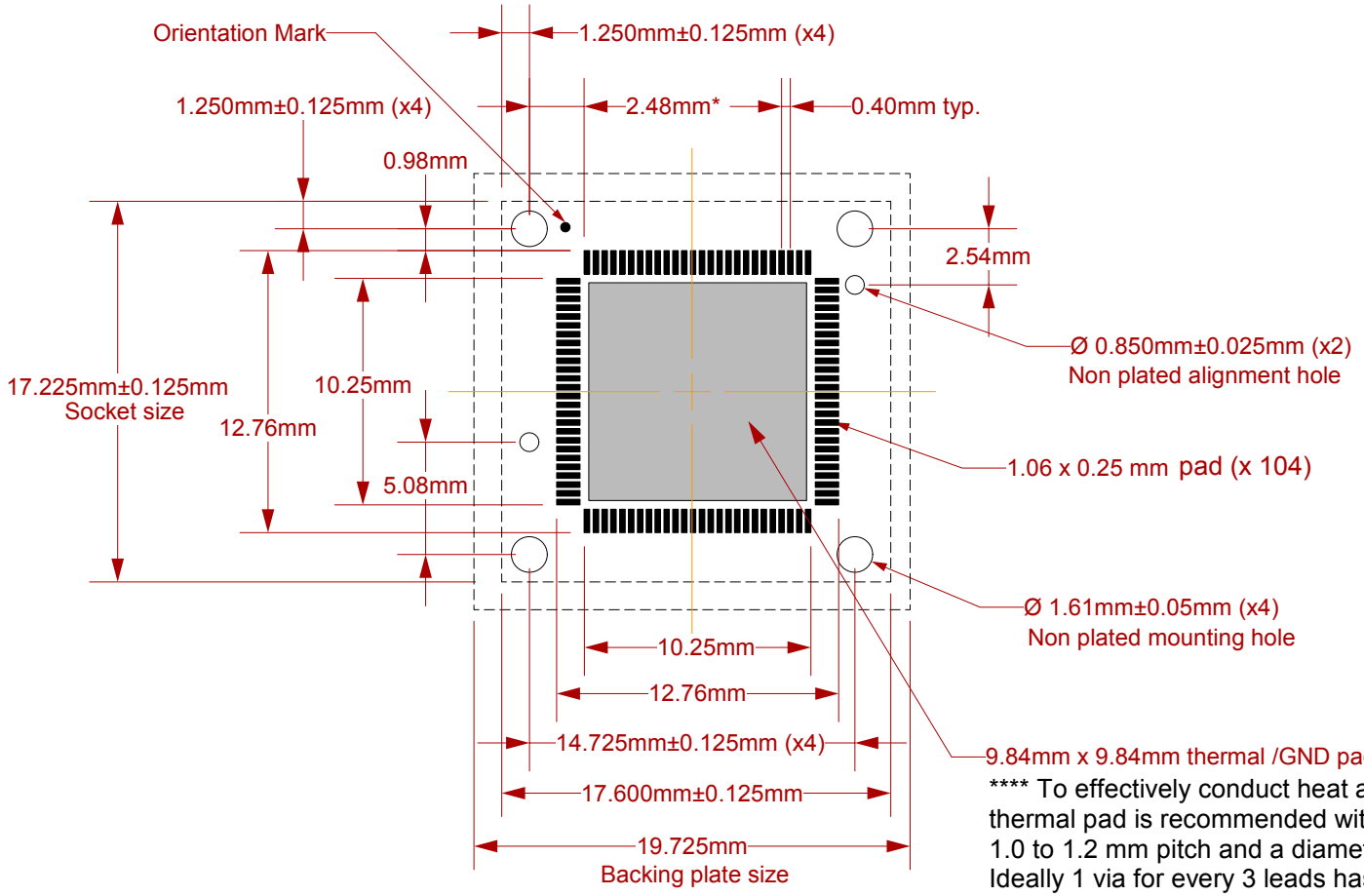
1. Clam Shell Lid: Black anodized 7075 Aluminum. Height = 20 mm.
2. Socket Base: Black anodized 7075 Aluminum. Height = 6 mm.
3. Compression Plate: Black anodized 7075 Aluminum. Thickness = 12 mm.
4. Compression Screw: Clear anodized 7075 Aluminum. Height = 27 mm, Fluted Knob
5. Pogo Pin: Plungers - Hardened Steel/ Gold plated Barrel - Copper Alloy/ Gold plated Spring - Stainless Steel/ Gold wire
6. Pogo Pin Guides: Ultem 1000.
7. Socket Base Screw: Socket Head Cap Screw, 18-8 SS, 0-80 Thread, 3/4" long.
8. Backing Plate: Black anodized 7075 Aluminum
9. Insulation Plate: FR4/G10
10. Pogo Pin Guide Screw: Pan head phillips, 18-8 SS, 0-80 thread, 3/16" long.
11. Latch: Black anodized 7075 Aluminum.

SS-QFN104A-01 Drawing	Status: Released	Scale: 1.25:1	Rev: A
© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen	Date: 2/1/06	
	File: SS-QFN104A-01 Dwg	Modified:	

All Tolerances: ±0.125mm (unless stated otherwise). Materials and specifications are subject to change without notice.

Recommended PCB Layout
Top View

***Note: MLF pattern is not symmetrical with respect to the mounting holes.**



**** To effectively conduct heat away from the package a thermal pad is recommended with vias spaced 1.0 to 1.2 mm pitch and a diameter of 0.3 to 0.33 mm. Ideally 1 via for every 3 leads has been shown to work well.

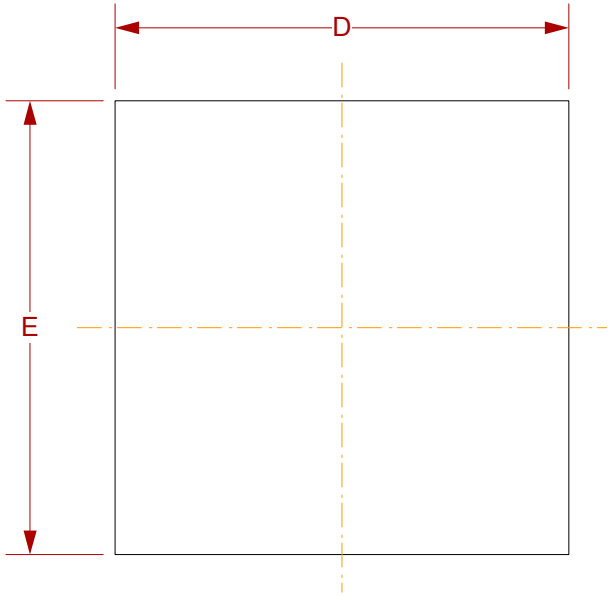
Target PCB Recommendations
Total thickness: 1.5mm min.
Plating: Gold or Solder finish

DXF DATA WILL BE PROVIDED

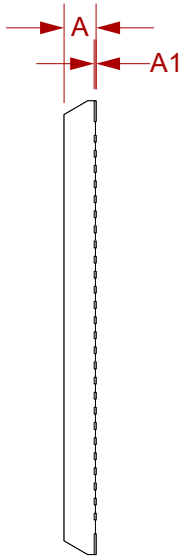
SS-QFN104A-01 Drawing	Status: Released	Scale: 3:1	Rev: A
© 2006 IRONWOOD ELECTRONICS, INC. 11351 Rupp Drive, Suite 400, Burnsville, MN 55337 Tele: (952) 229-8200 www.ironwoodelectronics.com	Drawing: H. Hansen	Date: 2/1/06	
	File: SS-QFN104A-01 Dwg	Modified:	

Recommended PCB Layout
Tolerances: ±0.025mm [±0.001"] unless stated otherwise.

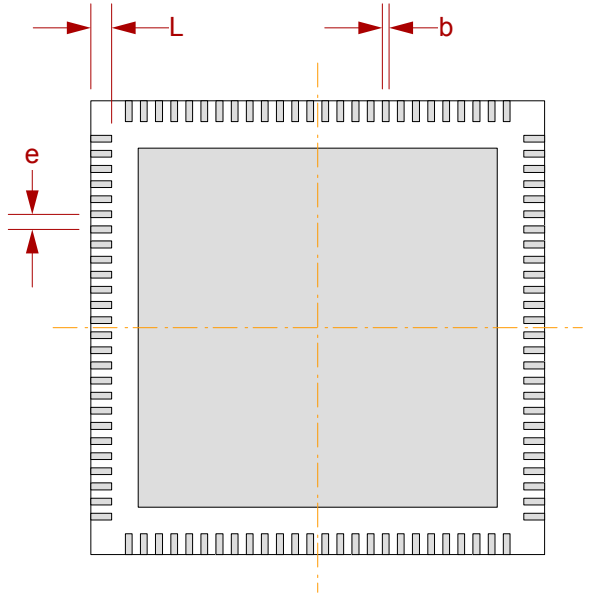
Compatible MLF Spec



Top View



Side View



Bottom. View

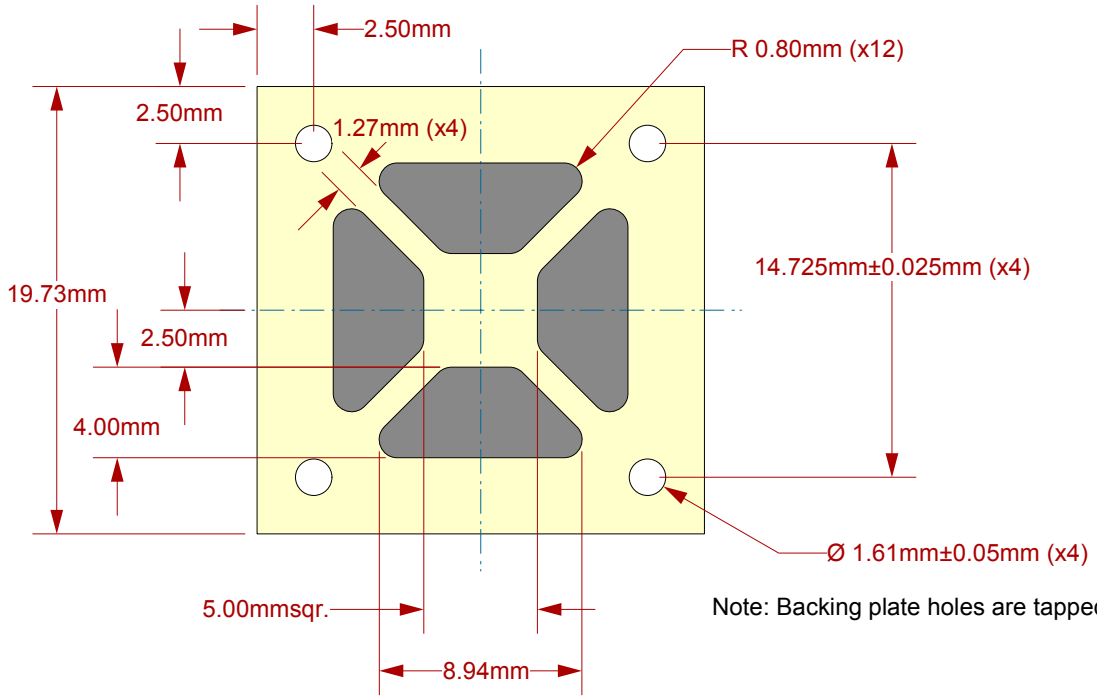
1. Dimensions are in millimeters.
2. Interpret dimensions and tolerances per ASME Y14.5M-1994.

DIM	MIN	MAX
A		0.85
A1		0.02
b		0.18
L		0.55
D	12.00 BSC	
E	12.00 BSC	
e	0.4 BSC	

104 Leads

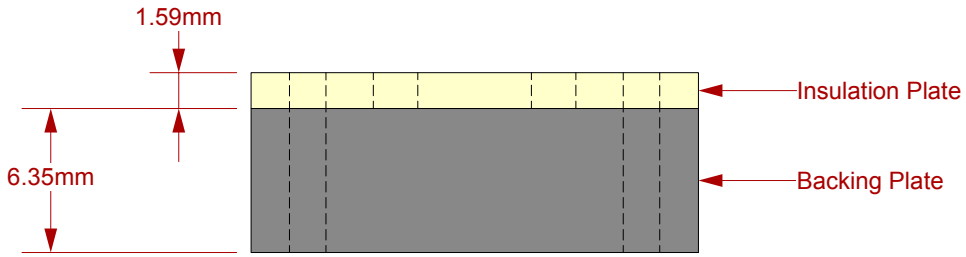
SS-QFN104A-01 Drawing	Status: Released	Scale:	Rev: A
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	File: SS-QFN104A-01 Dwg	Modified:	

Top View



Note: Backing plate holes are tapped to accept 0-80 screws.

Side View



Description: Backing Plate with Insulation Plate

SS-QFN104A-01 Drawing	Status: Released	Scale:	Rev: A
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	File: SS-QFN104A-01 Dwg	Modified:	

All dimensions are in mm.
All tolerences are +/- 0.125mm.
(Unless stated otherwise)